

**Luminaire**

Code 1670XX/XX

Name PIN

**Measur.**

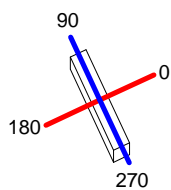
Code

Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG	Asymmetrical
Rectangular Luminaire		Length	350 mm	Width	60 mm	Height	180 mm
Rectangular Luminous Area		Length	340 mm	Width	51 mm	Height	0 mm
Horizontal Luminous Area		0.017340 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004195 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		26-07-2019		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		382.34 lm	
Operator		Asselum		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
NICHIA NF2L757GRT-V1F1 sm27	2x 5750175	2x LED 4,5W 350mA	382.34	12.06	1	
C.I.E.	54 84 97 100 100	D DIN 5040	A40			
F UTE	1.00 D	B NBN	BZ 4			

350mm x 60mm



Semiplanos C

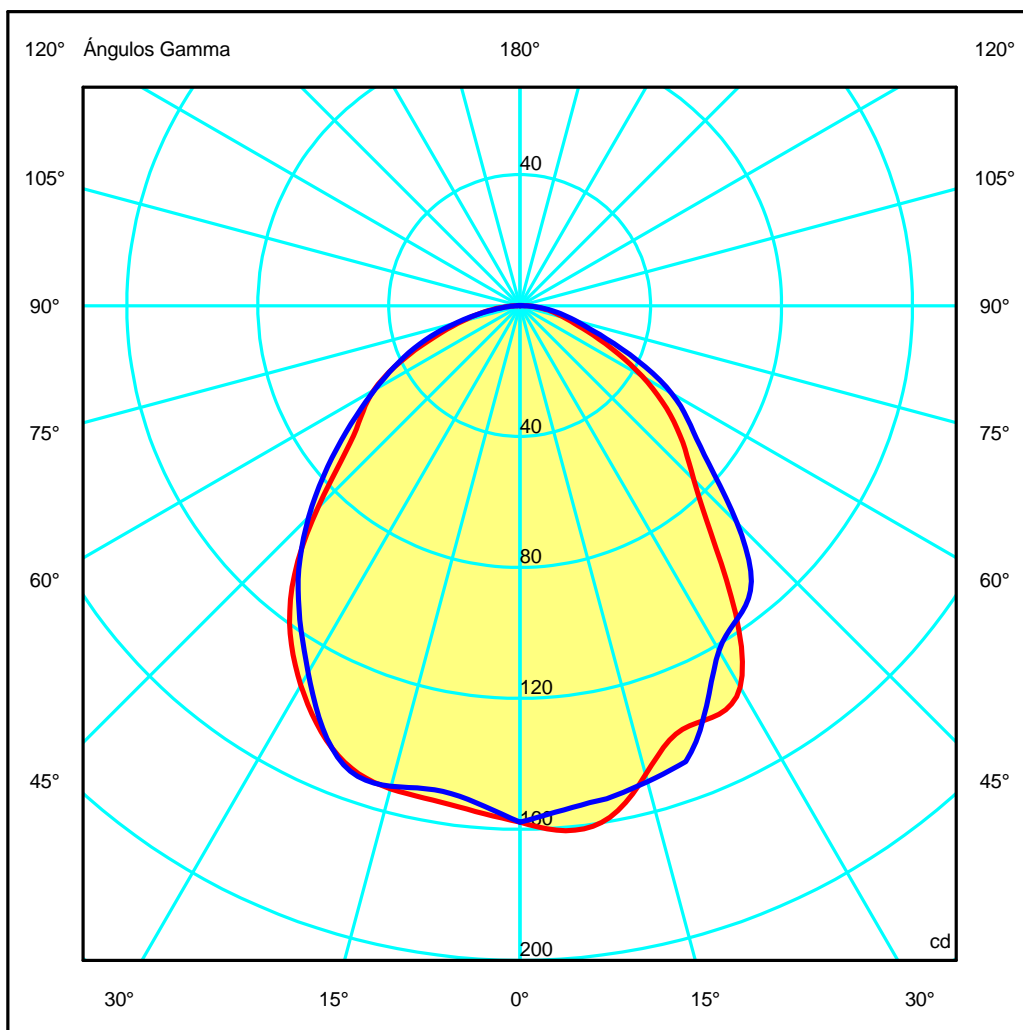
180.0 — 0.0

270.0 — 90.0

ULOR 0.12 %

DLOR 99.88 %

RN 0.12 %



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Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

**Luminous Intensity Table cd Table 1/6**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	158	158	158	158	158	158	158	158	158	158	158	158	158
G 1.0	159	157	157	157	157	157	157	157	157	157	157	157	157
G 2.0	159	157	156	156	156	156	156	156	156	156	156	156	157
G 3.0	160	157	156	155	155	155	156	156	156	156	155	155	156
G 4.0	161	156	155	154	154	155	155	155	155	155	155	155	156
G 5.0	161	156	154	154	153	154	155	155	154	154	154	154	155
G 6.0	161	156	154	153	153	153	154	154	154	154	153	153	155
G 7.0	161	155	153	152	152	153	154	154	153	153	153	153	154
G 8.0	161	155	152	151	151	152	153	153	153	153	152	153	154
G 9.0	160	155	152	151	151	152	153	153	152	152	152	153	154
G 10.0	159	155	152	150	150	151	153	152	152	152	152	153	153
G 11.0	157	154	151	150	150	151	152	152	151	152	152	153	153
G 12.0	155	153	151	149	150	151	152	152	151	151	152	153	153
G 13.0	153	153	151	149	150	151	152	152	151	151	152	153	153
G 14.0	151	152	150	148	150	151	151	151	150	151	152	154	153
G 15.0	148	151	150	148	149	151	151	151	150	151	152	154	153
G 16.0	146	150	150	147	149	151	150	151	150	150	152	154	153
G 17.0	144	149	149	147	149	151	150	150	149	150	152	154	152
G 18.0	142	148	149	146	148	150	149	149	149	150	153	154	152
G 19.0	140	147	148	145	148	149	149	149	148	149	153	154	151
G 20.0	139	146	147	144	147	148	148	147	147	148	153	154	150
G 21.0	139	145	146	143	146	147	146	146	146	147	152	153	149
G 22.0	138	143	144	142	144	145	144	145	145	146	151	152	148
G 23.0	138	142	143	141	143	143	141	144	144	145	149	150	147
G 24.0	139	140	141	140	141	141	138	142	143	144	148	148	145
G 25.0	139	139	139	138	139	139	135	140	141	143	146	146	144
G 26.0	139	137	137	136	137	136	132	138	140	141	144	144	142
G 27.0	139	135	135	135	135	134	129	136	138	140	141	142	140
G 28.0	138	132	132	133	133	132	126	134	136	138	139	140	138
G 29.0	137	130	130	131	131	129	124	132	134	136	137	137	136
G 30.0	135	127	127	129	129	127	122	130	132	134	134	135	134
G 31.0	132	124	125	127	128	125	120	128	130	132	131	133	132
G 32.0	128	121	122	125	126	123	119	126	128	130	129	131	129
G 33.0	124	118	119	123	124	121	118	124	125	127	126	129	127
G 34.0	120	114	117	121	122	119	117	121	123	125	123	126	125
G 35.0	115	111	114	119	120	118	116	119	120	122	120	124	122
G 36.0	110	107	111	117	118	116	116	117	117	120	118	122	120
G 37.0	105	103	108	115	116	114	115	114	115	117	115	119	117
G 38.0	100	100	105	112	114	112	113	112	112	114	112	117	114
G 39.0	95	97	102	110	112	110	112	109	108	111	109	114	111
G 40.0	91	93	99	107	110	108	110	106	105	107	106	111	107
G 41.0	87	90	96	105	108	106	107	104	102	104	103	108	103
G 42.0	83	87	93	102	105	103	105	101	99	100	100	104	99
G 43.0	80	84	90	99	103	101	101	98	96	96	97	100	95
G 44.0	78	81	87	96	100	98	98	95	92	92	94	96	91
G 45.0	75	78	84	94	97	95	94	91	89	88	91	92	87
G 46.0	73	75	81	91	94	92	90	88	85	84	87	88	83
G 47.0	71	73	79	88	91	89	86	85	82	81	84	84	79
G 48.0	69	70	76	85	88	85	82	82	79	77	81	81	76
G 49.0	67	68	73	82	85	82	79	78	76	73	78	77	72
G 50.0	65	65	71	79	82	79	75	75	72	70	75	73	69
G 51.0	63	63	68	76	79	75	73	72	69	66	72	70	67
G 52.0	61	61	66	73	75	71	70	69	66	63	68	67	65
G 53.0	59	57	64	70	72	68	68	65	63	60	65	64	63
G 54.0	57	55	62	67	68	64	66	62	60	58	62	62	61
G 55.0	55	53	59	64	65	61	64	59	58	55	59	59	59
G 56.0	52	50	57	61	62	57	62	57	55	52	56	57	58
G 57.0	50	48	55	58	58	54	60	54	53	50	53	55	56
G 58.0	48	46	53	55	55	51	58	52	50	48	50	53	55
G 59.0	46	43	51	52	52	48	56	49	48	46	48	50	53
G 60.0	43	41	49	49	49	45	54	47	46	44	45	48	51
G 61.0	41	39	47	47	46	43	51	44	44	43	43	46	49
G 62.0	38	38	45	44	44	40	48	41	42	41	41	45	47
G 63.0	36	36	43	42	41	39	46	39	41	40	39	43	45
G 64.0	33	34	40	40	39	37	43	37	39	38	38	41	42
G 65.0	31	33	38	37	37	35	40	35	37	37	36	39	40
G 66.0	29	31	36	35	35	34	37	33	36	36	34	37	37
G 67.0	26	29	34	33	33	32	34	32	34	34	33	35	35
G 68.0	24	28	32	31	31	31	31	30	33	33	31	33	32
G 69.0	22	26	30	29	29	29	28	29	31	31	30	31	30
G 70.0	21	25	28	27	27	28	26	27	30	30	28	30	28
G 71.0	19	23	26	25	25	26	24	25	28	28	26	28	25
G 72.0	18	22	24	23	23	25	22	24	26	26	25	26	23

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Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

**Luminous Intensity Table cd Table 2/6**

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	158	158	158	158	158	158	158	158	158	158	158
G 1.0	157	158	157	157	157	157	157	157	158	158	158
G 2.0	157	157	157	156	156	155	156	157	157	158	159
G 3.0	157	157	156	156	155	154	156	157	157	158	160
G 4.0	157	157	156	155	154	153	155	156	157	158	160
G 5.0	156	157	156	154	154	152	154	156	157	158	160
G 6.0	156	156	155	154	153	152	154	156	157	158	161
G 7.0	156	156	155	153	152	151	153	155	157	158	160
G 8.0	155	155	154	153	152	151	153	155	157	158	160
G 9.0	155	155	154	153	152	150	153	155	156	158	159
G 10.0	154	154	154	153	151	150	152	154	156	158	158
G 11.0	153	154	153	153	151	150	152	154	156	157	157
G 12.0	153	153	153	153	151	151	152	154	155	156	155
G 13.0	152	152	153	153	151	151	152	154	154	155	154
G 14.0	151	151	152	153	151	152	151	154	154	153	152
G 15.0	150	150	152	153	151	152	151	153	153	152	149
G 16.0	149	149	152	153	151	152	151	153	152	151	147
G 17.0	148	148	151	152	151	153	151	153	151	149	145
G 18.0	147	147	150	152	151	152	151	152	150	147	143
G 19.0	146	146	150	152	151	152	150	152	150	146	141
G 20.0	145	145	149	152	151	151	150	151	149	144	140
G 21.0	144	144	148	151	150	150	150	150	148	142	138
G 22.0	143	143	147	150	149	149	149	149	147	141	137
G 23.0	142	142	146	148	148	147	148	148	146	139	136
G 24.0	141	141	144	147	146	145	147	147	145	137	135
G 25.0	139	139	143	145	144	142	146	146	144	136	134
G 26.0	138	138	141	143	142	140	144	144	143	134	133
G 27.0	137	137	140	140	140	137	143	143	141	132	132
G 28.0	136	135	138	138	138	135	141	141	140	130	130
G 29.0	134	133	136	136	135	132	138	139	138	128	128
G 30.0	133	132	134	134	133	129	136	137	136	125	126
G 31.0	132	130	132	131	131	127	133	134	134	123	123
G 32.0	130	127	130	129	128	124	130	132	131	120	120
G 33.0	128	125	128	127	126	122	127	129	129	118	117
G 34.0	127	122	125	124	123	119	124	126	126	115	113
G 35.0	125	120	123	122	121	117	121	124	123	112	109
G 36.0	123	117	120	120	118	115	117	121	120	109	105
G 37.0	121	114	118	117	116	112	114	118	117	107	101
G 38.0	118	111	115	115	113	110	111	115	114	104	98
G 39.0	116	108	112	112	110	108	108	112	110	101	94
G 40.0	113	105	109	109	107	105	105	109	107	99	90
G 41.0	110	102	105	106	104	102	102	106	104	96	87
G 42.0	106	99	102	102	101	100	100	103	101	94	84
G 43.0	103	95	98	99	98	97	97	100	98	92	81
G 44.0	99	92	94	95	95	94	95	97	95	90	79
G 45.0	95	89	91	92	91	91	93	95	92	87	76
G 46.0	91	85	87	88	88	88	90	92	89	85	74
G 47.0	87	82	83	84	85	85	88	89	86	83	72
G 48.0	83	79	80	81	81	82	86	86	83	81	70
G 49.0	80	76	76	77	78	79	83	83	80	78	68
G 50.0	76	73	73	74	74	77	81	80	78	76	66
G 51.0	72	70	69	70	71	74	78	77	75	73	64
G 52.0	69	68	66	67	68	71	75	74	72	71	62
G 53.0	66	65	63	64	65	68	72	71	69	68	60
G 54.0	62	62	61	61	61	66	69	68	66	65	58
G 55.0	60	60	58	58	58	63	66	65	63	62	56
G 56.0	57	58	56	56	56	60	63	62	61	59	54
G 57.0	55	55	53	53	53	58	60	59	58	57	52
G 58.0	52	53	51	51	50	55	57	56	56	54	50
G 59.0	50	51	49	48	47	53	53	53	53	51	48
G 60.0	48	49	47	46	45	51	50	50	51	49	46
G 61.0	46	47	45	44	43	49	47	48	48	46	44
G 62.0	44	44	43	43	41	47	45	45	46	44	42
G 63.0	41	42	41	41	39	45	42	42	44	42	40
G 64.0	39	40	39	39	37	43	40	40	42	39	38
G 65.0	37	38	38	38	35	41	37	38	40	37	36
G 66.0	36	36	36	36	34	39	35	35	37	35	34
G 67.0	34	34	34	35	32	37	32	33	35	33	32
G 68.0	32	32	32	33	30	35	30	31	33	31	31
G 69.0	31	30	31	31	29	33	28	29	31	30	29
G 70.0	29	28	29	30	27	31	26	27	29	28	27
G 71.0	27	26	27	28	26	29	24	25	28	26	25
G 72.0	25	25	25	26	24	26	22	24	26	24	23

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Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

**Luminous Intensity Table cd Table 3/6**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	16	20	22	22	22	23	20	22	24	25	23	25	22
G 74.0	15	19	20	20	20	21	19	20	22	23	21	23	20
G 75.0	14	17	18	18	18	19	17	19	20	21	20	21	18
G 76.0	13	16	17	17	17	18	16	17	18	19	18	20	17
G 77.0	12	14	15	15	15	16	15	16	16	17	16	18	15
G 78.0	11	13	14	14	14	14	14	14	15	15	14	16	14
G 79.0	10	11	12	13	12	13	13	13	13	14	13	15	12
G 80.0	10	10	11	11	11	11	11	12	11	12	11	13	11
G 81.0	9	9	9	10	9	9	10	10	10	10	10	12	10
G 82.0	8	7	8	9	8	8	9	9	8	9	8	10	8
G 83.0	7	6	7	7	7	7	8	8	7	7	7	9	7
G 84.0	6	5	5	6	6	6	6	7	6	6	6	7	6
G 85.0	5	4	4	5	5	5	5	5	4	5	5	6	5
G 86.0	4	3	3	4	4	4	4	4	3	4	4	5	4
G 87.0	3	3	2	3	3	3	3	3	3	3	3	4	3
G 88.0	3	2	2	2	2	2	2	3	2	2	2	3	2
G 89.0	2	1	1	2	1	1	1	2	1	1	1	2	1
G 90.0	1	1	0	1	1	1	1	1	1	1	1	1	1
G 91.0	1	1	0	1	1	1	0	1	1	1	1	1	1
G 92.0	1	1	0	1	1	1	0	1	0	0	1	1	1
G 93.0	1	1	0	1	1	1	0	1	0	0	1	1	0
G 94.0	1	1	0	1	0	0	0	1	0	0	0	1	0
G 95.0	1	0	0	0	0	0	0	1	0	0	0	1	0
G 96.0	1	0	0	0	0	0	0	1	0	0	0	0	0
G 97.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 98.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 99.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G102.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G103.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G104.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G105.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G106.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G107.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G108.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G109.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G110.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G111.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G112.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G113.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G114.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G115.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G116.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G117.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G118.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G119.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G121.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G122.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G123.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G124.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G126.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G127.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G128.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G129.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G131.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G132.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G133.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G134.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G136.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G137.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G138.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G139.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G141.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G142.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G143.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G144.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire**

Code 1670XX/XX

Name PIN

**Measurem.**

Code

Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

**Luminous Intensity Table cd Table 4/6**

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 73.0	23	23	23	24	23	24	20	22	24	22	22
G 74.0	22	21	22	22	21	22	19	20	22	20	20
G 75.0	20	20	20	20	19	20	17	19	20	18	18
G 76.0	18	18	18	18	18	18	16	17	18	17	17
G 77.0	16	17	16	16	16	16	14	16	16	15	15
G 78.0	15	15	15	14	15	14	13	14	15	13	14
G 79.0	13	14	13	12	13	12	12	13	13	12	12
G 80.0	12	13	11	10	12	10	10	12	11	10	11
G 81.0	10	11	10	9	10	8	9	10	10	9	9
G 82.0	9	10	8	7	9	7	8	9	9	7	8
G 83.0	7	8	7	6	7	6	7	8	7	6	7
G 84.0	6	7	6	5	6	5	6	6	6	5	6
G 85.0	5	6	5	4	5	4	5	5	5	4	5
G 86.0	4	5	4	3	4	3	4	4	4	3	4
G 87.0	3	3	3	2	3	2	3	3	3	2	3
G 88.0	2	2	2	2	2	1	2	2	2	2	2
G 89.0	2	2	1	1	1	1	1	2	2	1	1
G 90.0	1	1	1	1	1	1	1	1	1	1	1
G 91.0	1	1	0	1	1	0	1	1	1	0	1
G 92.0	1	1	0	1	1	0	1	1	1	0	1
G 93.0	1	1	0	0	0	0	1	1	1	0	1
G 94.0	1	1	0	0	0	0	1	1	1	0	0
G 95.0	1	0	0	0	0	0	0	0	1	0	0
G 96.0	0	0	0	0	0	0	0	0	0	0	0
G 97.0	0	0	0	0	0	0	0	0	0	0	0
G 98.0	0	0	0	0	0	0	0	0	0	0	0
G 99.0	0	0	0	0	0	0	0	0	0	0	0
G100.0	0	0	0	0	0	0	0	0	0	0	0
G101.0	0	0	0	0	0	0	0	0	0	0	0
G102.0	0	0	0	0	0	0	0	0	0	0	0
G103.0	0	0	0	0	0	0	0	0	0	0	0
G104.0	0	0	0	0	0	0	0	0	0	0	0
G105.0	0	0	0	0	0	0	0	0	0	0	0
G106.0	0	0	0	0	0	0	0	0	0	0	0
G107.0	0	0	0	0	0	0	0	0	0	0	0
G108.0	0	0	0	0	0	0	0	0	0	0	0
G109.0	0	0	0	0	0	0	0	0	0	0	0
G110.0	0	0	0	0	0	0	0	0	0	0	0
G111.0	0	0	0	0	0	0	0	0	0	0	0
G112.0	0	0	0	0	0	0	0	0	0	0	0
G113.0	0	0	0	0	0	0	0	0	0	0	0
G114.0	0	0	0	0	0	0	0	0	0	0	0
G115.0	0	0	0	0	0	0	0	0	0	0	0
G116.0	0	0	0	0	0	0	0	0	0	0	0
G117.0	0	0	0	0	0	0	0	0	0	0	0
G118.0	0	0	0	0	0	0	0	0	0	0	0
G119.0	0	0	0	0	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0	0	0	0	0
G121.0	0	0	0	0	0	0	0	0	0	0	0
G122.0	0	0	0	0	0	0	0	0	0	0	0
G123.0	0	0	0	0	0	0	0	0	0	0	0
G124.0	0	0	0	0	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0	0	0	0	0
G126.0	0	0	0	0	0	0	0	0	0	0	0
G127.0	0	0	0	0	0	0	0	0	0	0	0
G128.0	0	0	0	0	0	0	0	0	0	0	0
G129.0	0	0	0	0	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0	0	0	0	0
G131.0	0	0	0	0	0	0	0	0	0	0	0
G132.0	0	0	0	0	0	0	0	0	0	0	0
G133.0	0	0	0	0	0	0	0	0	0	0	0
G134.0	0	0	0	0	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0	0	0	0	0
G136.0	0	0	0	0	0	0	0	0	0	0	0
G137.0	0	0	0	0	0	0	0	0	0	0	0
G138.0	0	0	0	0	0	0	0	0	0	0	0
G139.0	0	0	0	0	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0	0	0	0	0
G141.0	0	0	0	0	0	0	0	0	0	0	0
G142.0	0	0	0	0	0	0	0	0	0	0	0
G143.0	0	0	0	0	0	0	0	0	0	0	0
G144.0	0	0	0	0	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire**

Code 1670XX/XX

Name PIN

**Measur.**

Code

Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

**Luminous Intensity Table cd Table 5/6**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G146.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G147.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G148.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G149.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G151.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G152.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G153.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G154.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G156.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G157.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G158.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G159.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G160.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G161.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G162.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G163.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G164.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G165.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G166.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G167.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G168.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G169.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G170.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G171.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G172.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G173.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G174.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G176.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G177.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G178.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G179.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire**

Code 1670XX/XX

Name PIN

**Measurem.**

Code

Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG	Asymmetrical

**Luminous Intensity Table cd Table 6/6**

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G146.0	0	0	0	0	0	0	0	0	0	0	0
G147.0	0	0	0	0	0	0	0	0	0	0	0
G148.0	0	0	0	0	0	0	0	0	0	0	0
G149.0	0	0	0	0	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0	0	0	0	0
G151.0	0	0	0	0	0	0	0	0	0	0	0
G152.0	0	0	0	0	0	0	0	0	0	0	0
G153.0	0	0	0	0	0	0	0	0	0	0	0
G154.0	0	0	0	0	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0	0	0	0	0
G156.0	0	0	0	0	0	0	0	0	0	0	0
G157.0	0	0	0	0	0	0	0	0	0	0	0
G158.0	0	0	0	0	0	0	0	0	0	0	0
G159.0	0	0	0	0	0	0	0	0	0	0	0
G160.0	0	0	0	0	0	0	0	0	0	0	0
G161.0	0	0	0	0	0	0	0	0	0	0	0
G162.0	0	0	0	0	0	0	0	0	0	0	0
G163.0	0	0	0	0	0	0	0	0	0	0	0
G164.0	0	0	0	0	0	0	0	0	0	0	0
G165.0	0	0	0	0	0	0	0	0	0	0	0
G166.0	0	0	0	0	0	0	0	0	0	0	0
G167.0	0	0	0	0	0	0	0	0	0	0	0
G168.0	0	0	0	0	0	0	0	0	0	0	0
G169.0	0	0	0	0	0	0	0	0	0	0	0
G170.0	0	0	0	0	0	0	0	0	0	0	0
G171.0	0	0	0	0	0	0	0	0	0	0	0
G172.0	0	0	0	0	0	0	0	0	0	0	0
G173.0	0	0	0	0	0	0	0	0	0	0	0
G174.0	0	0	0	0	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0	0	0	0	0
G176.0	0	0	0	0	0	0	0	0	0	0	0
G177.0	0	0	0	0	0	0	0	0	0	0	0
G178.0	0	0	0	0	0	0	0	0	0	0	0
G179.0	0	0	0	0	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire**

Code 1670XX/XX

Name PIN

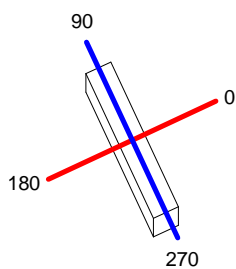
**Measur.**

Code

Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG	Asymmetrical

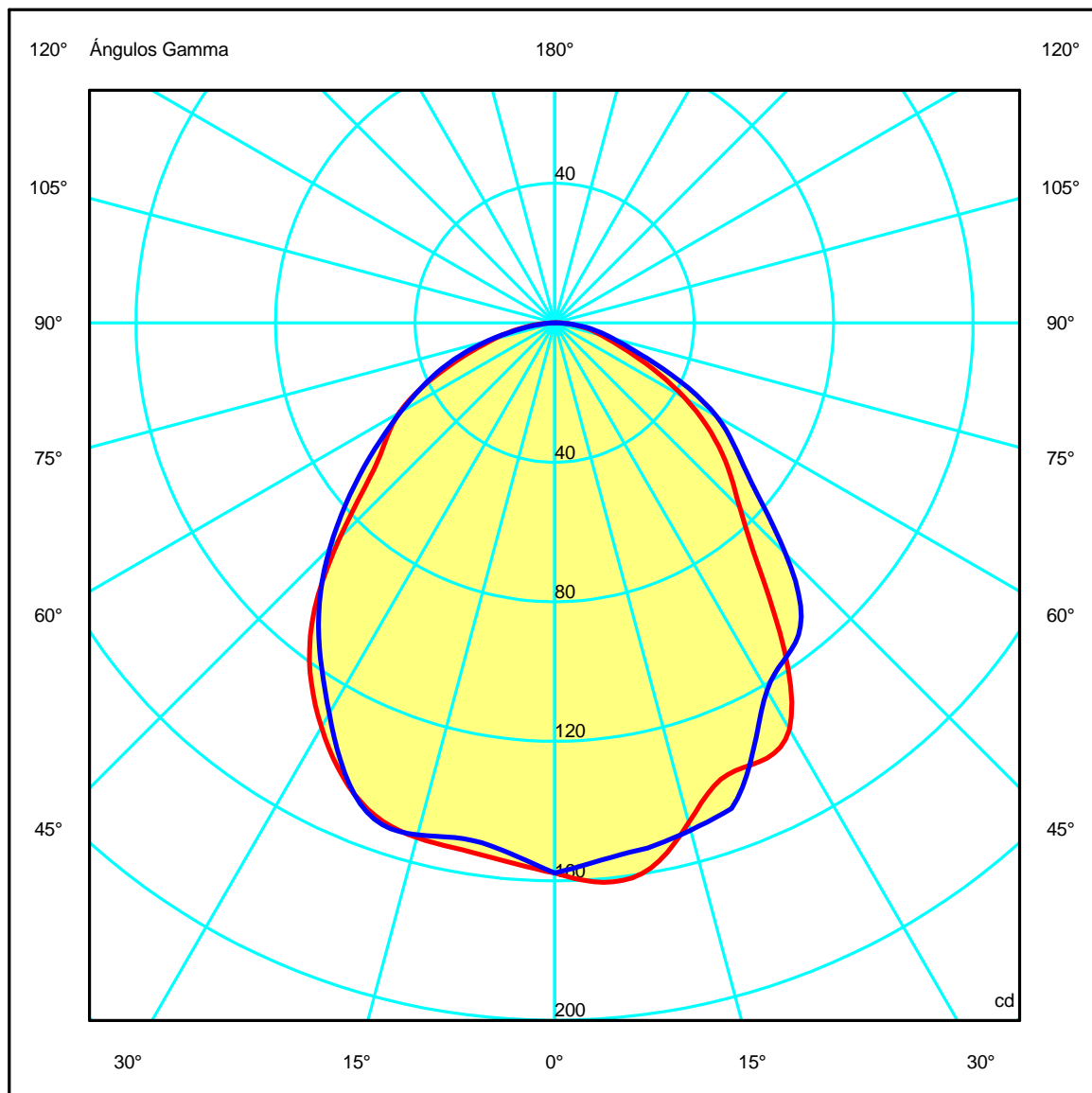
350mm x 60mm



Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0

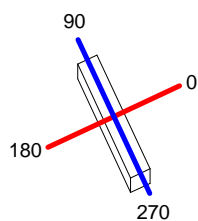




**Luminaire**  
Code 1670XX/XX  
Name PIN  
**Measurem.**  
Code  
Name 2700K CRI 90

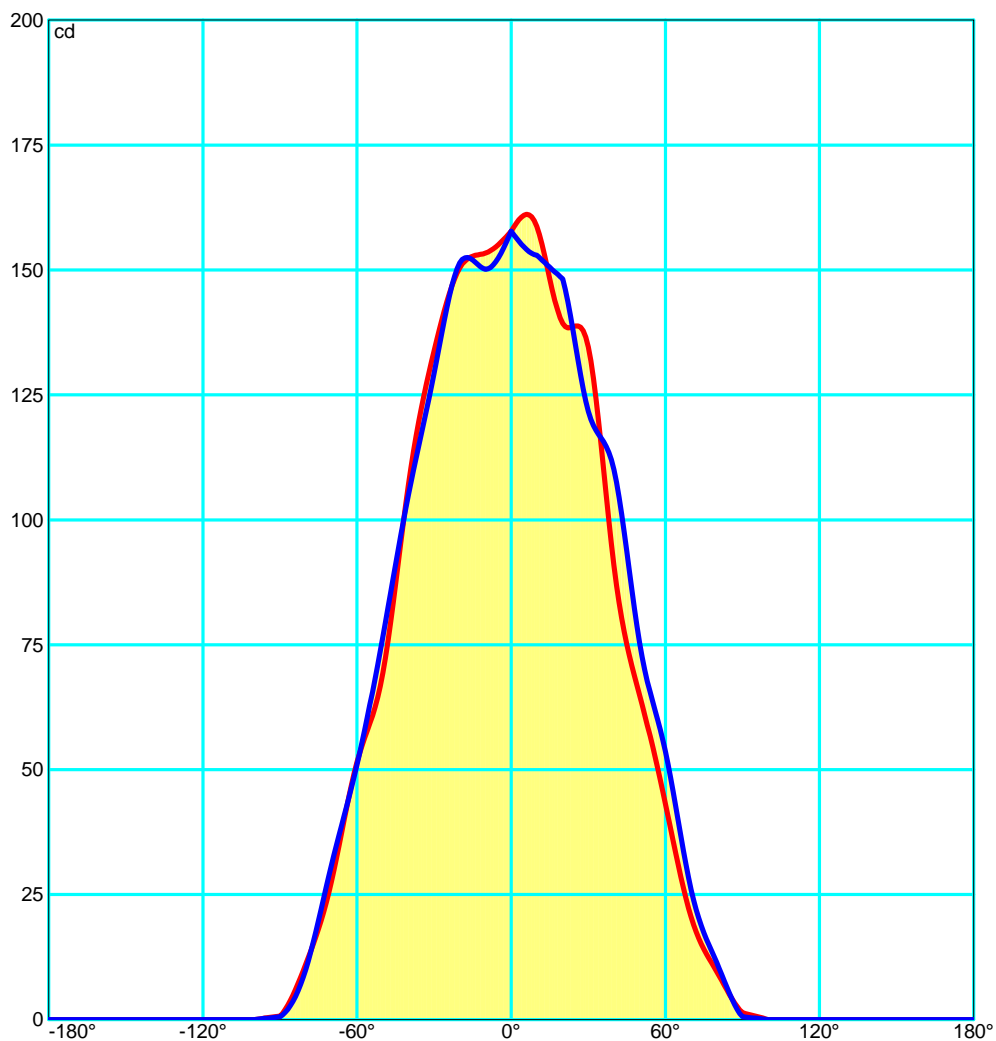
Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG	Asymmetrical

350mm x 60mm



Semiplanos C

180.0	—	0.0
270.0	—	90.0



**Luminaire**

Code 1670XX/XX

Name PIN

**Measurem.**

Code

Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG	Asymmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	18.4	19.7	18.7	19.9	20.1	18.5	19.8	18.8	20.0	20.2
x=2H y=3H	19.8	20.9	20.1	21.1	21.4	19.8	20.9	20.1	21.2	21.4
x=2H y=4H	20.3	21.3	20.6	21.6	21.9	20.3	21.3	20.6	21.6	21.9
x=2H y=6H	20.7	21.6	21.0	21.9	22.2	20.6	21.6	21.0	21.9	22.2
x=2H y=8H	20.8	21.7	21.2	22.0	22.4	20.7	21.6	21.1	22.0	22.3
x=2H y=12H	20.9	21.8	21.2	22.1	22.4	20.8	21.6	21.1	22.0	22.3
x=4H y=2H	19.0	20.0	19.3	20.3	20.6	19.1	20.2	19.5	20.5	20.8
x=4H y=3H	20.6	21.4	20.9	21.8	22.1	20.6	21.5	21.0	21.8	22.2
x=4H y=4H	21.2	22.0	21.6	22.4	22.7	21.2	22.0	21.6	22.4	22.7
x=4H y=6H	21.8	22.4	22.2	22.8	23.2	21.7	22.4	22.1	22.7	23.1
x=4H y=8H	22.0	22.6	22.4	23.0	23.4	21.8	22.4	22.2	22.8	23.2
x=4H y=12H	22.1	22.6	22.5	23.0	23.5	21.9	22.4	22.3	22.9	23.3
x=8H y=4H	21.5	22.2	22.0	22.6	23.0	21.5	22.1	22.0	22.5	22.9
x=8H y=6H	22.2	22.7	22.7	23.2	23.6	22.1	22.6	22.5	23.0	23.5
x=8H y=8H	22.5	22.9	23.0	23.4	23.8	22.3	22.7	22.8	23.2	23.7
x=8H y=12H	22.7	23.1	23.2	23.5	24.0	22.4	22.8	22.9	23.3	23.8
x=12H y=4H	21.6	22.1	22.0	22.5	23.0	21.5	22.1	22.0	22.5	22.9
x=12H y=6H	22.3	22.7	22.7	23.2	23.6	22.1	22.6	22.6	23.0	23.5
x=12H y=8H	22.6	22.9	23.1	23.4	23.9	22.4	22.8	22.9	23.2	23.7

**Luminaire**

Code 1670XX/XX

Name PIN

**Measur.**

Code

Name 2700K CRI 90

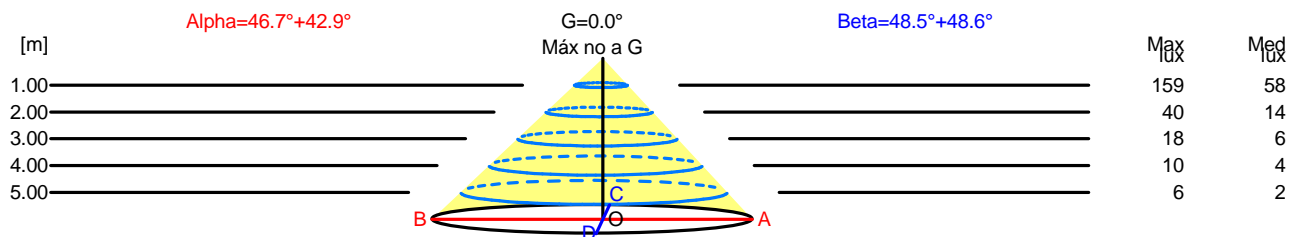
Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.93	1.86	2.79	3.72	4.65	OC	1.13	2.26	3.39	4.52	5.65
OB	1.06	2.12	3.18	4.24	5.30	OD	1.14	2.27	3.41	4.54	5.68

Luminous Intensities [ cd]

	0	5	15	25	35	45	55	65	75	85
OA	157.72	160.96	148.35	138.80	114.87	75.11	54.66	30.89	14.08	5.01
OB	157.72	155.08	152.77	143.64	122.28	87.22	59.26	39.92	18.16	4.87
OC	157.72	154.59	150.56	134.90	116.35	93.76	63.63	39.69	17.36	5.23
OD	157.72	152.43	151.98	142.44	117.14	91.15	62.94	40.77	19.83	3.63



H[m]	D[m]	Max lux	Med lux	Alpha=46.7°+42.9°	G=0.0 Máx no a G	
1.00	1.99	159	58			
2.00	3.98	40	14			
3.00	5.97	18	6			
4.00	7.96	10	4			
5.00	9.95	6	2			

H[m]	D[m]	Max lux	Med lux	Beta=48.6°+48.5°	G=0.0 Máx no a G	
1.00	2.26	159	58			
2.00	4.53	40	14			
3.00	6.79	18	6			
4.00	9.06	10	4			
5.00	11.32	6	2			

**Luminaire**  
Code 1670XX/XX  
Name PIN  
**Measurem.**  
Code  
Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG Asymmetrical	

Flujo Total=382.34 Flujo Luminaria=382.34

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.36	0.44	0.52	0.59	0.64	0.72	0.77	0.81	0.85	0.88	0.94	0.97
RC	4	4	4	4	4	4	4	4	4	4	4	4

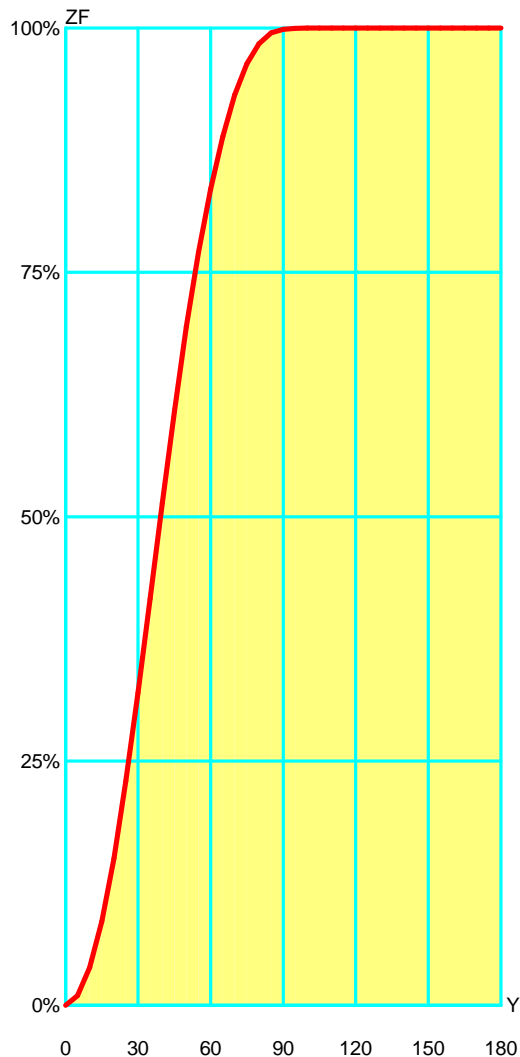
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	39	150	320	514	694	835	932	984	999	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.  
54 84 97 100 100

C.I.E. 4  
D DIN 5040 A40  
F UTE 1.00 D  
B NBN BZ 4  
RN 0.11584 %  
BLF 1.0

LOR 100.00000 %  
ULOR 0.11584 %  
DLOR 99.88416 %  
UFF 0.11584 %  
DFF 99.88416 %  
FFR 0.11598 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.76	9.76	0.98 %	0.98 %
10°	28.84	38.60	2.88 %	3.86 %
15°	47.22	85.82	4.72 %	8.58 %
20°	64.44	150.27	6.44 %	15.03 %
25°	79.30	229.57	7.93 %	22.96 %
30°	90.18	319.75	9.02 %	31.97 %
35°	96.44	416.19	9.64 %	41.62 %
40°	97.78	513.97	9.78 %	51.40 %
45°	94.11	608.08	9.41 %	60.81 %
50°	86.25	694.33	8.63 %	69.43 %
55°	75.99	770.32	7.60 %	77.03 %
60°	64.89	835.21	6.49 %	83.52 %
65°	53.69	888.89	5.37 %	88.89 %
70°	42.71	931.60	4.27 %	93.16 %
75°	31.66	963.26	3.17 %	96.33 %
80°	20.83	984.10	2.08 %	98.41 %
85°	11.07	995.17	1.11 %	99.52 %
90°	3.67	998.84	0.37 %	99.88 %
95°	0.87	999.71	0.09 %	99.97 %
100°	0.29	1000.00	0.03 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

**Luminaire**  
 Code 1670XX/XX  
 Name PIN  
**Measurem.**  
 Code  
 Name 2700K CRI 90

Luminaire Flux	382.34 lm	Luminaire Power	12.06 W	Efficacy	31.71 lm/W	Efficiency	100.00%
Sources Flux	382.34 lm	Maximum value	161.13 cd	Position	C=0.00 G=6.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

